

PTO/SB/08a (05-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/737,364
Filing Date	December 15, 2003
First Named Inventor	Youngwoo Kwon
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	PA2589US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
N		US- 2,210,028	08-06-1940	Doherty	
N		US- 4,335,363	06-15-1982	Bowers	
N		US- 5,420,541	05-30-1995	Upton et al.	
N		US- 5,568,086	10-22-1996	Schuss et al.	
N		US- 5,786,727	07-28-1998	Sigmon	
N		US- 5,880,633	03-09-1999	Leizerovich et al.	
N		US- 6,374,092 B1	04-16-2002	Leizerovich et al.	
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FOREIGN PATENT DOCUMENTS

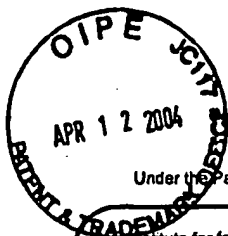
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	NGUYEN, KUN	Date Considered	5/10/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/737,364
				Filing Date	December 15, 2003
				First Named Inventor	Youngwoo Kwon
				Art Unit	Unknown
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket Number	PA2589US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
N		RAAB, F.H., "Efficiency of Doherty RF Power-Amplifier Systems," IEEE Transactions On Broadcasting, September 1987, pp. 77-83, Vol. BC-33.	
N		IWAMOTO, M., et al., "An Extended Doherty Amplifier with High Efficiency Over a Wide Power Range," IEEE Transactions On Microwave Theory and Techniques, December 2001, pp. 2472-2479, Vol. 49, No. 12.	
N		ZHAO, Y., et al., "Doherty Amplifier with DSP Control to Improve Performance in CDMA Operation," 2003 IEEE MTT-S Digest, 2003, pp. 687-690, IEEE.	
N		LEES, J., et al. "Single-Tone Optimisation of an Adaptive-Bias Doherty Structure," 2003 IEEE MTT-S Digest, 2003, pp. 2213-2216, IEEE.	
N		BAE, S., et al., "Bias-Switching Quasi-Doherty-Type Amplifier for CDMA Handset Applications," 2003 IEEE MTT-S Digest, 2003, pp. 137-140, IEEE.	
N		WALLACE, L., "Amplifier Linearization Promotes Efficiency in Multi-Carrier WCDMA Basestation," EE Times, October 18, 2002, at http://www.eetimes.com/story/OEG20021018S0059 .	

Examiner Signature	NGUYEN, KV	Date Considered	5/10/05
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IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Youngwoo Kwon et al.
SERIAL NO.: 10/737,364
FILED: December 15, 2003
TITLE: High Linearity Doherty Communication Amplifier with
Phase Control
EXAMINER: Unknown
GROUP ART UNIT: Unknown
ATTY.DKT.NO.: PA2589US

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List of Co-Pending Patent Applications That May Be Directed
Towards Similar Subject Matter

Examiner's Initials	Serial Number	First-Named Inventor	Title	Filing Date
<i>N</i>	10/737,476	Youngwoo Kwon	High Linearity Doherty Communication Amplifier with Integrated Output Matching Unit	12/15/2003
<i>N</i>	10/690,923	Youngwoo Kwon	High Linearity Doherty Communication Amplifier with Bias Control	10/21/2003
<i>N</i>	10/432,553	Youngwoo Kwon	Power Amplification Apparatus of Portable Terminal	05/21/2003
Examiner's Signature:	<i>Nguyen, K</i>			Date <i>05/10/05</i>